

# **LIST OF DRILLING ACCESSORIES**

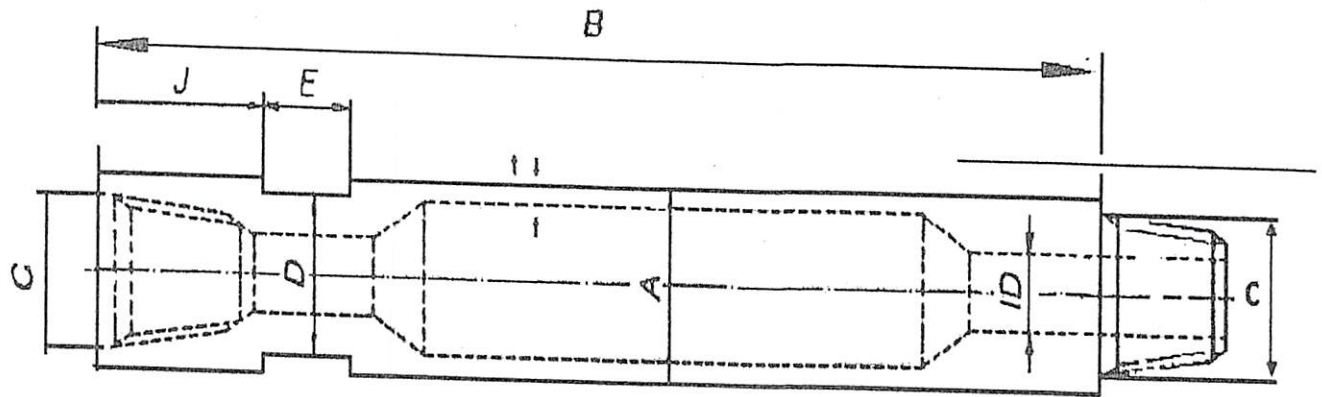
S#	DESCRIPTION	QTY.
<b>Package: 01 Non-Core Drilling Accessories</b> <b>As per API Standards</b> <b>Make:</b> From companies having API registration certificate for using API Official monogram (Q1, Q2, etc.) <b>Note:</b> The offer should accompany the complete technical specs. along with Brochure.		
1.	New Rotary drill pipe flush joint 3-1/2 inch O.D., 6m. Length, tapered thread API 2-3/8" IF with four break out wrench flats on box end. Wall Thickness = 9.35 mm. Grade =E-75 (API steel grade) With friction welded (inertia welded) tool joints. Protective coating <b>DIAGRAM ATTACHED.</b> <b>Make:</b> Perforator, Smith, Hughes, Kingsland Drill Internatinal, Carrack Ltd. UK, Bournedrill, Atlas Copco, Shanxi Huanjie Petroleum Drilling Tools China, DATC, Driconeq, Adriatech, Tube Tech USA,Drill Well Ltd., UK.	50 Nos.
2.	New Rotary drill pipe flush joint 3-1/2 inch O.D., 3m. length, tapered thread API 2-3/8" IF with four break out wrench flats on box end. Wall Thickness = 9.35 mm Grade =E-75 (API steel grade) With friction welded (inertia welded) tool joints. Protective coating <b>DIAGRAM ATTACHED.</b> <b>Make:</b> Perforator, Smith, Hughes, Kingsland Drill Internatinal, Carrack Ltd. UK, Bournedrill, Atlas Copco, Shanxi Huanjie Petroleum Drilling Tools China, DATC, Driconeq, Adriatech, Tube Tech USA,Drill Well Ltd., UK.	04 Nos.
3.	Hoisting plug with 2-3/8" API IF Pin connection, with knurling on the body. Heavy duty. Dia = 3-1/2" as per <b>DIAGRAM Attached.</b> Should be incorporated with taper roller thrust bearings, forged steel bails and have air vent holes through pin thread end. Knurling on the body.	02 Nos.
4.	Hoisting plug with HQ Pin connection, with knurling on the body. Heavy duty. Dia = 3-1/2" Should be incorporated with taper roller thrust bearings, forged steel bails and have air vent holes through pin thread end and knurling on the body..	02 Nos.
5.	Hoisting plug with API 2-7/8" IF Pin connection. Heavy duty. Dia = 4-1/2" as per <b>DIAGRAM Attached.</b> Should be incorporated with taper roller thrust bearings, forged steel bails and have air vent holes through pin thread end. Knurling on the body	02 Nos.
6.	Spiral hard faced welded blade stabilizer for hole size of 4-1/2" with 2-3/8" API IF pin and box connections. Blade Length = 2 ft Number of blades = 3 Overall Length = (1.5m) With 04 breakout wrench flats on box end as Per <b>DIAGRAM ATTACHED.</b>	04 Nos.
7.	Flush joint drill collar 4-1/8" dia outer diameter, 10ft long with 2-3/8" API tool joints and 04 wrench flats on box end. Approx. weight = 170 Kg. <b>As per Diagram Attached.</b>	02 Nos.
8.	New Rotary drill pipe flush joint 4-1/2 inch O.D., 20 ft. length, tapered thread API 2-7/8" IF with two break out wrench flats on box end. Wall	25 Nos.

	Thickness = 8.56mm Grade =E-75 (API steel grade) With friction welded (inertia welded) tool joints. Protective coating <b>DIAGRAM ATTACHED.</b> <b>Make:</b> Perforator, Smith, Hughes, Kingsland Drill International, Carrack Ltd. UK, Bournedrill, Shanxi Huanjie Petroleum Drilling Tools China, DATC, Driconeq, Adriatech, Tube Tech USA,Drill Well Ltd., UK.	
9.	New Rotary drill pipe flush joint 4-1/2 inch O.D., 10 ft. length, tapered thread API 2-7/8" IF with two break out wrench flats on box end. Wall Thickness = 8.56mm Grade =E-75 (API steel grade) With friction welded (inertia welded) tool joints. Protective coating <b>DIAGRAM ATTACHED.</b> <b>Make:</b> Perforator, Smith, Hughes, Kingsland Drill International, Carrack Ltd. UK, Bournedrill, Shanxi Huanjie Petroleum Drilling Tools China, DATC, Driconeq, Adriatech, Tube Tech USA,Drill Well Ltd., UK.	02 Nos.
10.	Spiral hard faced welded blade stabilizer with TC inserts for hole size of 9-7/8" O.D. with 4 1/2" API REG pin and box connections. Blade Length (Crown Length) = 13" Number of blades = 3. Overall Length = 42 inch excluding pin With key housing and thread protectors as Per <b>DIAGRAM ATTACHED.</b>	02 Nos.
11.	Spiral hard faced welded blade stabilizer with TC inserts for hole size of 7-5/8" O.D. with 2-7/8" API IF pin and box connections. Blade Length (Crown Length) = 12" Number of blades = 3. Overall Length = 42 inch. excluding pin With key housing and thread protectors as Per <b>DIAGRAM ATTACHED.</b>	02 Nos.
12.	Hook jaws with adjusting nut for 60" rigid pipe wrench.	08 Sets
13.	Heel jaws with pin for 60" Rigid pipe wrench	04 Nos.
14.	48" Pipe wrench Rigid USA / England	02 Nos.
15.	Hook jaws, with adjusting nut for 48" pipe wrench Rigid.	03 Sets.
16.	Heel jaws with pins for 48" pipe wrench Rigid.	02 Sets.
17.	Sub HQ rod pin to 2-3/8" API IF box. With 04 Nos breakout wrench flats on box end	04 Nos.
18.	Sub with 2-3/8" API regular box to 2-3/8" API IF box. With 04 wrench flats. Length approx = 24", dia = 4"	02 Nos.
19.	Spiral hard faced welded blade stabilizer for hole size of 5-5/8" with 2-7/8" API IF pin and box connections. Blade Length = 2 ft Number of blades = 3. Overall Length = <del>3 ft</del> With 04 breakout wrench flats on box end as Per <b>DIAGRAM ATTACHED.</b>	02 Nos.
<b>Package: 02 Core Drilling Accessories</b> As per Longyear Standards.		
<b>Note:</b> The offer should accompany the complete technical specs. along with Brochure.		
20.	HQWL drilling rod for wireline core drilling, 3m length, O.D 88.9mm, I.D. 77.9mm, depth rating 1500m, rated torque 1356Nm.	80 Nos.



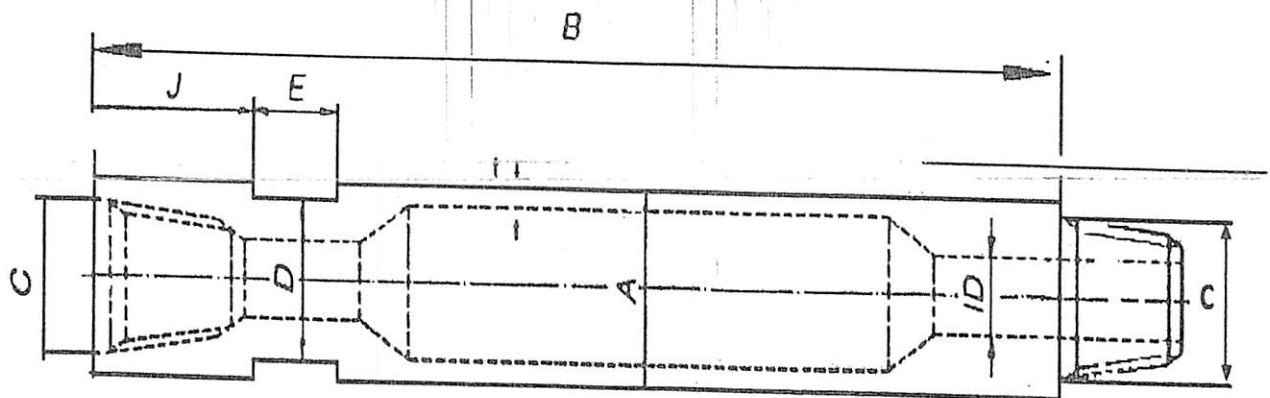
	As per Longyear Standards.	
21.	HQWL double tube core barrel assembly 3m long with chrome plating, complete comprising of Knuckle Head assembly with pivoting spear point and landing indicator, Inner Tube, Stop Ring, Core Lifter, Core Lifter Case, Locking Coupling, Adapter Coupling, Landing Ring, Outer Tube, Inner Tube Stabilizer. The core barrel must be <b>equipped with knuckle head and landing indicator.</b> Note: The Core barrel should follow Boart Longyear Q standards.	02 Nos.
22.	HQWL inner tube assembly complete, length 3m. Should be compatible with core barrel at S # 20.	04 Nos.
23.	HQWL inner tube head assembly complete (knuckle head).	04 Nos.
24.	HQWL inner tube head assembly repair kit complete comprising of springs, spring pins, latches, landing shoulder, bearings etc.	06 Nos.
25.	HQWL pivoting overshot assembly complete.	04 Nos.
26.	HQWL overshot assembly repair kit (equipped with cable clamp, thimble, bearings, spring, spring pin, pivot pins, lifting dogs).	04 Nos.
27.	HQWL Core lifter case	20 Nos.
28.	HQWL core lifter case spring	20 Nos.
29.	HQWL landing ring	06 Nos.
30.	HQWL stop ring	04 Nos.
31.	HQWL inner tube stabilizer	10 Nos.
32.	HQWL shut off valve	20 Nos.
33.	HQWL diamond reaming shell impregnated for soft to medium hard formations.	10 Nos.
34.	PQWL Diamond Reaming Shell	04 Nos
35.	PQWL outer tube 3m	02 Nos
36.	PQWL overshot Assembly	02 Nos
37.	Sub PQWL rod Pin to 2 7/8" API IF box	2 Nos
38.	Sub PQWL rod Pin to 2 3/8" API IF box	2 Nos
39.	PQWL core lifter case	25 Nos
40.	PQWL core lifter case spring	25 Nos
41.	PQWL inner tube stabilizer	10 Nos
42.	PQWL inner tube head assembly	4 Nos
43.	PQWL inner tube head repairing kit Complete	8 Nos
44.	PQWL inner tube landing ring	6 Nos
45.	PQWL inner tube	10 Nos
46.	PQWL core barrel locking coupling	6 Nos
47.	PQWL Shut off Valve	20 Nos
48.	PQ core barrel adopter Coupling	10 Nos

**DIMENSIONS OF 3-1/2" DIA FLUSH JOINT DRILL PIPES AT Sr # 1 & 2**



A OD inches	T Wall Thickne ss inches	C tool joints connection	ID mm	J length shoulder box Inches	D across flat inches	E Length Inches
3 1/2	9.35mm	API 2-3/8" IF	1-3/4"	4"	2- 3/4"	2"

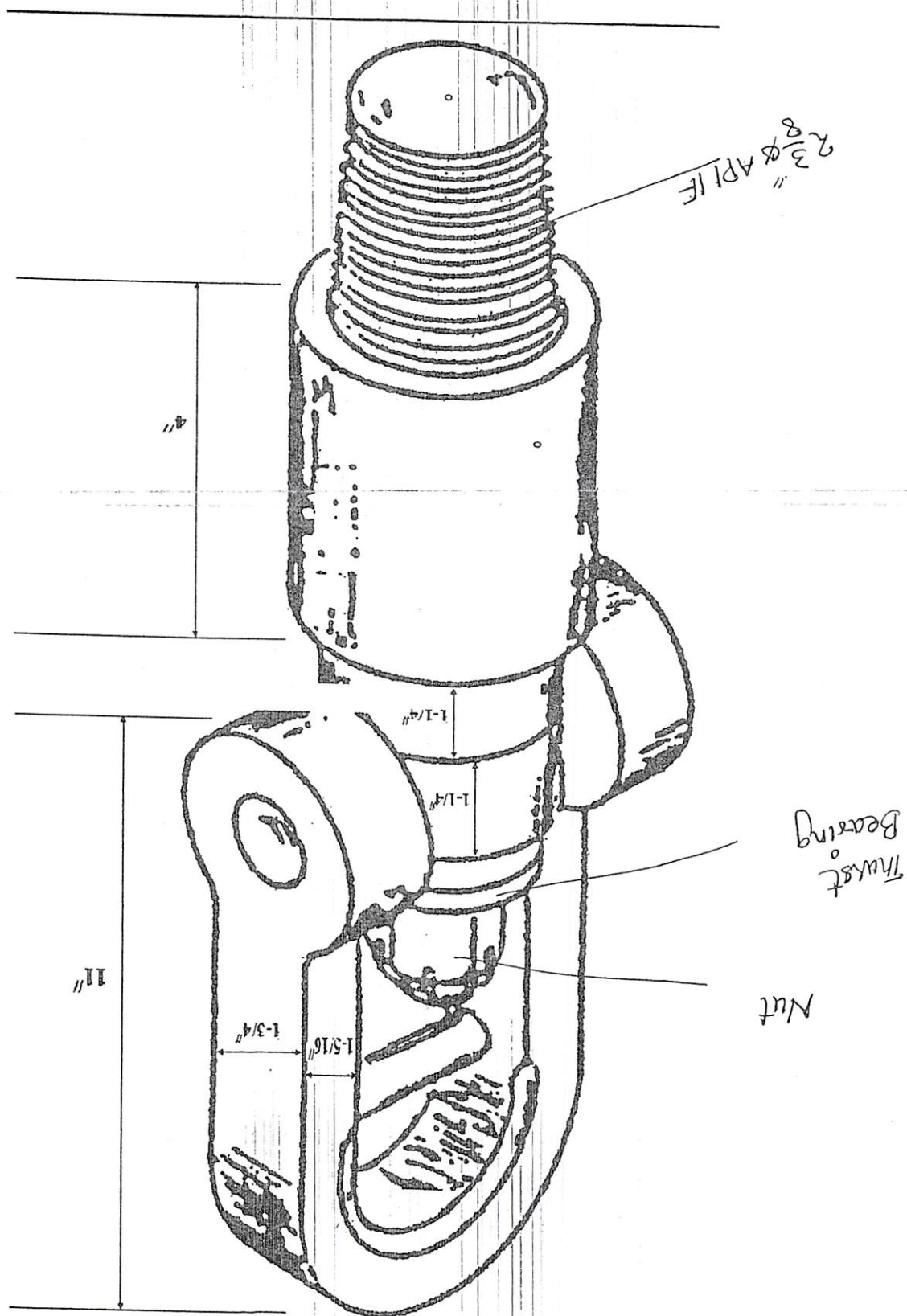
**DIMENSIONS OF 4-1/2" DIA FLUSH JOINT DRILL PIPES AT Sr # 8 & 9**



A OD inches	T Wall Thickne ss inches	C tool joints connecti on	ID mm	J length shoulder box Inches	D across flat inches	max machine. torque (kNm)	Approx weight for 3m length kg	E Length Inches
4 1/2	8.56mm	API 2-7/8" IF	54	5 inches	3-1/2"	17.8	78	4"

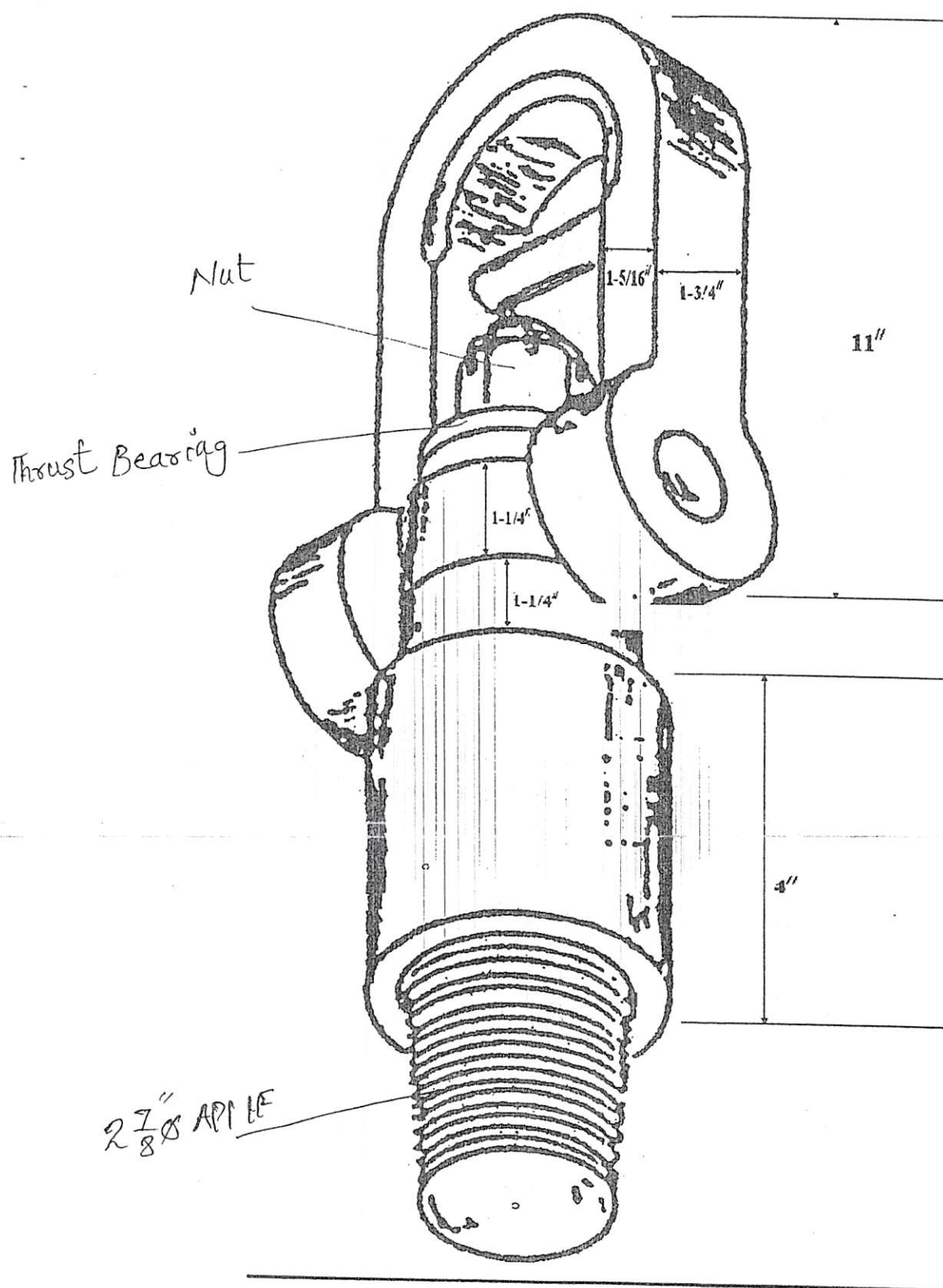
**DIMENSIONS OF HOISTING PLUG WITH API 2-3/8" IF PIN CONNECTION AT**





Sr # 3

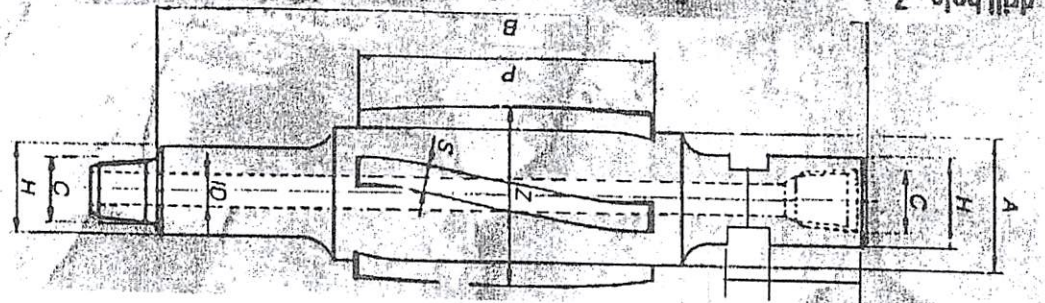




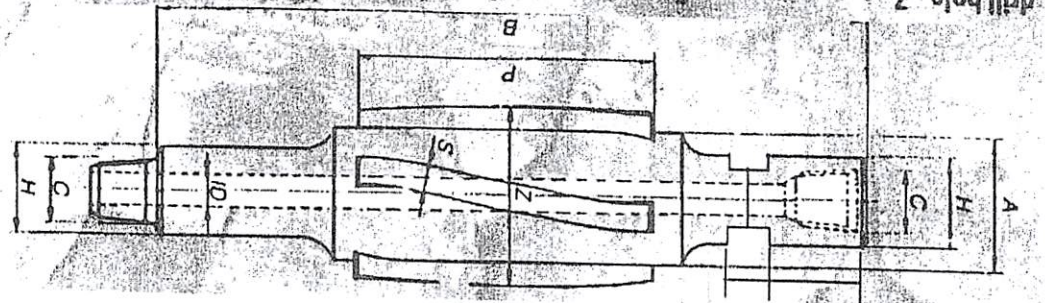
DIMENSIONS OF HOISTING PLUG WITH API 2-7/8" IF PIN CONNECTION AT  
Sr # 5



Drawing of Item at Sr #	
	1
	2
	3
	4
	5

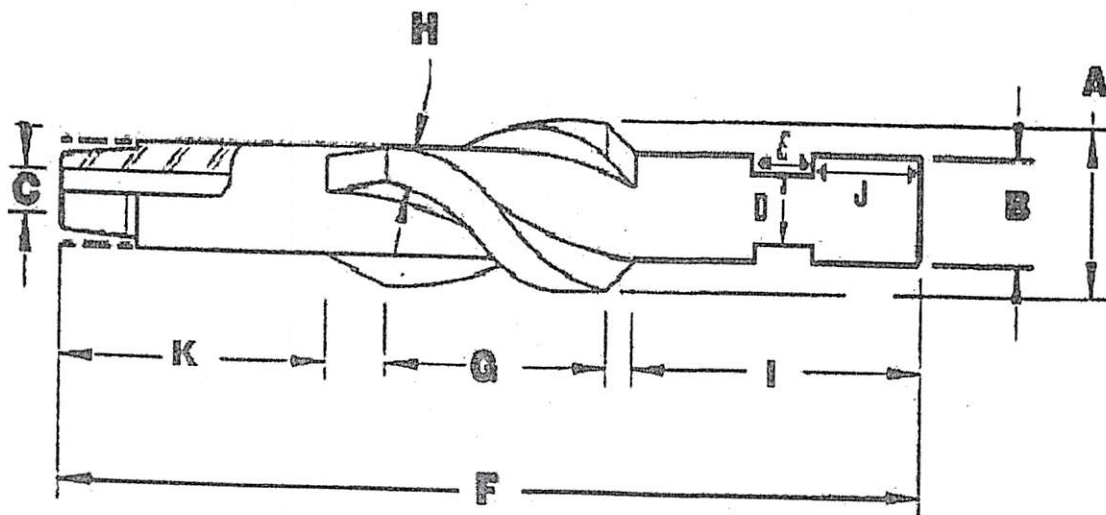


Drawing of Item at Sr #



7-5/8	7-3/8	193.675	API 2-7/8 IF	6-1/4	42	1-3/16	5-1/2	2-5/16	12
inches	inches	inches	connection	inches	inches	inches	inches	inches	inches

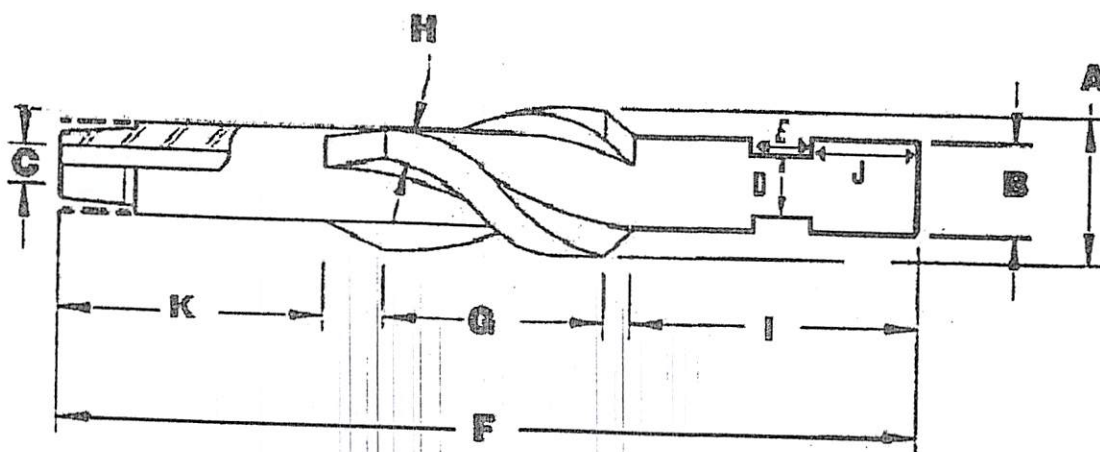
**DIMENSIONS OF WELDED BLADE (SPIRAL) STABILIZER FOR 4-1/2" HOLE**  
**SIZE at Sr # 6**



A Size Inches	B Fishing neck dia. Inches	G Crown Length Inches	F Overall Length m	E Wrench Flat (04 Nos) length Inches.	J length shoulder box Inches
4-1/4"	3-1/2"	2 ft	1.5m	2"	4"



**DIMENSIONS OF WELDED BLADE (SPIRAL) STABILIZER FOR 5-5/8" HOLE**  
**SIZE at Sr #**



A Size Inches	B Fishing neck dia. Inches	G Crown Length Inches	F Overall Length ft	E Wrench Flat length Inches.	D across flat inches	J length shoulder box Inches
5-3/8"	4-1/2"	2 ft	3 ft	4"	3-1/2"	5"